Operating Instructions Manual

1.0   Introduction

Leather Camera has capabilities of taking and storing up to 36 SXGA (1.3 Mega Pixels) images or 150 VGA (300K Pixels) images. Pictures taken may be uploaded to PC via USB port. The camera is powered by Rechargable Battry or via USB connector when attached to a PC. When the camera is connected to a PC, it becomes a PC camera. Resolution up to 640 x 480 Pixels with 15 frame per second.

2.0   General Descriptions

The camera has 2 buttons on the Digital Camera. Capture Button and Power On/Off or Mode Button.

1. Capture Key:
Capture: press this button to take pictures when power on (but not take pictures during the mode change).
Select: during mode change, press this button to confirm the selected function.

2. Power Key / Mode:
Power On: When the camera is turned off, press and hold this button until the camera LCD shows "ON" to indicate the camera is turned on. Camera enters into "Digital Still Camera Mode". When camera is connecting to PC via USB Port. The camera becomes "PC Camera Mode". "PC" displays on the LCD.

Power Off: When camera is turned on, press and hold this button until camera is powered off. LCD goes blink. If no key is pressed within about 60 seconds, will trigger the "Auto Power-Off" function. The camera turns off by itself to enter sleep mode. Power-Off is disabled when camera is connected to PC via USB port, except the condition that the Host PC is Turned off or Suspended.

LCD display
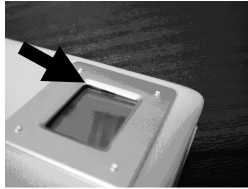
1. Press and hold the Power-Key button for about 2 seconds, the camera will power on (Standby Mode).

 → Press Power-Key → Power On → Release key

2. Press and hold the Power-Key button for about 2 seconds, the camera will power off (Sleep Mode).

 → Press Power-Key → Power Off → Release Key

3. Press Capture-Key button to take one picture or press Mode-Key button with a single click to change mode setting.

In standby mode, press Capture-Key to take a picture. Once a single tone sounds, and the picture number shown on LCD display increased by 1, a Snap Shot is made successfully.

 Capture-Key →
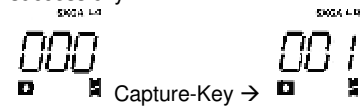
A General Function

1. Self-timer: 10 seconds counter delay, and then take a snap shot.
2. Continuous snap shot: a single click on the capture button will cause the camera to snap 3 continuous pictures (one picture per second).
3. Hi/Low quality: LQ mode is Compressed image Quality. HQ mode is Un-Compressed image Quality. Works for both SXGA(1.3 Mega Pixels) and VGA(300K Pixels).
4. AVI: Movie mode, the captured movie clip with frame rate about 7 – 10 fps(frame per second). Higher frame rate under Low Resolution and Low Quality capture condition.
5. Battery status indicator: a 2-levels battery indicator to show the current condition of batteries.
6. 50/60: 50 stands for 50Hz electrical power frequency (50 Hz), 60 stands for 60Hz electrical power (USA) frequency. Set it according to the country where you are, and the flicker effect on the image will be eliminated.

1. Delete one/all: the icon" ONE "indicates the deletion of the last picture, and the icon" ALL " indicates to delete all pictures stored in the memory.
2. Picture number: Shows number of pictures taken at DSC Mode.
3. PC: When camera is connected to PC via USB Port. Camera becomes a PC Camera or a Webcam.
4. Memory full: When no more space in memory at DSC mode, the text "Full" is shown, and alarm sound rises. User may not take anymore picture unless delete one or all pictures in memory.

B. Mode Selection

Mode setting operation is a cyclic loop. By pressing Mode - Key button, the camera enter the next mode.

C. Mode Usage

When specific mode is selected, the corresponding icon of the mode display on the LCD Panel, but if there is no key is pressed in 5 seconds, the camera then return to the

standby state *000*.

1. Image quality *000* or *000*

Once the LQ/HQ mode is selected, by pressing the Capture-Key to enter the Image Quality Mode. Then user may change the mode "LQ" to "HQ" by pressing Mode-Key. Press Capture-Key again to confirm.

2. Image Resolution *000* or *000*

Once the SXGA/VGA MODE had been selected, by pressing Capture-Key to enter the Image Resolution Mode. Then user may change the mode "SXGA" to "VGA" by push Mode-Key. Press Capture-Key again to confirm.

3. Capture Method: *000* or *000* or *000* Once this mode had been selected. By pressing Capture-Key to confirm the mode selected.

When the icon " " is displayed, press Capture-Key button to select, and the camera

then goes back to standby state *000*. Now, by pressing Capture-Key to take 3 continuous pictures (~1 fps). After capture is done, the picture number increase by 3

003 SXGA LQ

000

4. If " 𝍌 " mode is selected 🔧, AVI function is activated. Now, the camera returns to the standby state. By press and hold the Capture-Key button, the camera starts to capture images continuously until the button is released. The movie clip is

001 SXGA LQ

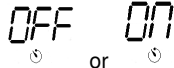stored as AVI-format, and the picture number increases by 1 📷 🔧. The camera changes back to default state.

OFF   ON

5. Self-Timer: ⏱ or ⏱

Once this mode had been selected. By pressing Capture-Key button to confirm. Then change the mode "SELF ON" or "SELF OFF" by pressing Mode-Key. Press Capture-Key button to confirm, and camera returns to standby state. When the self-timer is activated, the countdown starts and the buzzer keeps beeping. After 25 beeps (10

000 SXGA LQ

seconds), the picture is then captured. 📷⏱🔧 Users can press the button Capture-Key again before the picture is captured to cancel the self-timer countdown.
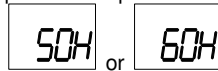
6. Frequency Setting | **50H** | or | **60H** |

Once this mode had been selected. By pressing Capture-Key button to confirm. Then change the mode 50H or 60H by pressing Mode-Key. Press Capture-Key button to confirm, and camera returns to standby state.

7. Delete choose � **ONE** or ☐delete **ALL**

Once this mode is selected, press Capture-Key to enter this mode. By pressing the mode button select "ONE" to delete the last image or select "ALL" to delete all images stored in memory. Press Capture-Key to confirm your selection and press capture-Key again to confirm your action.

D. Battery Indicator

The battery status indicator is a 2-levels indicator, which is used to show the power status of the camera.

When the battery is Full, two segments are shown. After a period of usage, the voltage drop down, the buzzer sounds a thrilling tone, and the upper part of the battery icon disappears. The camera auto power off immediately when all 2-levels indicators disappear. This means batteries power is extremely low for operation.

E. Charge Battery

Connect the Camera to PC with USB Cable for Battery Charging. Computer must be turned on. Approximately 6 hours for fully charged.

F. PC Camera

If camera is connected to PC via USB Port, and the host PC is power on, this camera enters to PC-Camera Mode, all the functions of DSC are then disabled, and the LCD shows text "PC". When the USB is disconnected, camera returns to DSC mode and then Auto Power Off.

`000` → USB connect → `PC` → USB disconnect →
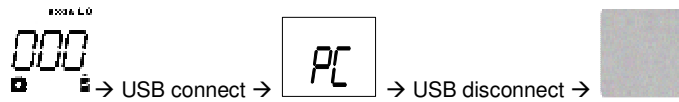
G. Specification

Image Sensor:		1/2" CMOS Image Sensor	
	Image Size:	1280 x 1024 Pixels	
	Bit Depth:	24-bits Color	
Lens:			
	Focus Control:	Fixed	
	F. No.:	F3.0 ±5%	
	IR Filter:	625nm ±10nm	
	Lens Construction:	5 of Glass Lens	
Image Storage:			
	Resolution Mode:	Still Image Capture:	
	High:	1600 x 1260(Software Enhancement)	
	Normal:	1280 x 1024 (SXGA)	
	Lo:	640 x 480 (VGA)	
	Video Clip:	640 x 480 (VGA)	
Quality:	Still Image Capture:	High:	No Compression
		Lo:	With Compression
Internal Memory:		4M x 16 (64Mb) SDRAM	
Image Storage:		1280 x 1024 :	20 LQ Pictures (Approx.)
		640 x 480:	80 LQ pictures (Approx.)
		Video Clip :	10 fps 640 x 480 AVI time period 15 sec
File Format:		JPEG with Still Image Capture	
		Motion JPEG with Video Clip	
Communication:		USB Port V1.1 compliance	
External Connector:		Mini Type USB Connector	

Buzzer:	Beep tone when key pressed
Power Supply:	Internal Rechargable Battery(Charge through USB Cable)
	DC 5V from USB Port
Self-timer:	10 sec delay
Continuous Shot:	3 pictures continuous shoot takes every second
Battery Indicator:	2 levels Low Battery indicator
Frequency Select:	50 / 60 Hz Setting
Image Management:	Delete One / Delete All
White Balance:	Auto
Exposure:	Auto
Compression Method:	JPEG
Power Management:	Auto Power Off about 60 seconds with no operation
USB Frame Rate:	15 - 20 frames/sec

H. System Requirements

- Pentium III 800 or above
- OS Windows 98SE/ME/2000/XP
- 64MB on board Memory
- 8MB Display Memory

I. Installation

- Connect the camera to your PC via USB port
- Insert CD into the CDROM drive
- Open the Driver file
- Double click on SXGA_DUEL_MODE file
- Click Next
- Select installation type Custom or Complete (Complete is Recommended) and click
  Next
- Click on Install
- Click Finish and driver is installed.

Installation of the "DSC IMAGING" Program:

- Connect the camera to your PC via USB port
- Insert CD into the CDROM drive
- Open the DSC_Imaging file
- Double click on DSC_Imaging icon
- Select directory to install software and click Install
- Click Yes to agree User Licence Agreement
- Click OK and the software is installed.

Load the pictures:

- Plug the camera to the computer: PC appears on the screen of your camera.
- Open the program "DSC IMAGING".
- Select "TWAIN" from file menu.
- In "TWAIN", press on "SELECT SOURCE" (choose the source): select "MEGAPIXEL CAMERA (8105 SXGA)".
- Then, select "Twain" from file menu and select "ACQUIRE".
- A new icon appears and you visualize the focus of the camera.
- Press on "GET DSC", then on "DOWNLOAD". All the pictures contained in the camera will appear in labels.
- If you want to download all the pictures taken with the camera: press on "TRANSFER ALL".
- If you decide to choose only one picture: select the picture you wish to transfer on your hard disk (use the arrows). If you wish to select several pictures: press the SHIFT button on your keyboard and click on the pictures and press on "TRANSFER". The blue framed picture will be transferred to the disk.

GUARANTEE

This guarantee is offered in order to make our technical facilities available. It is in addition to the statutory rights of the purchaser and will not affect them.

This product is guaranteed for 12 months from the date of purchase against all defects in manufacture. This excludes batteries, which are not included in the purchase price but are provided free of charge for demonstration purpose and are not guaranteed. This guarantee does not cover damage caused by misuse or neglect. This guarantee will be void if the unit has been taken apart or repaired by anyone other than ourselves in our own service department.

Product serial number_____

Supplied by   _____

Date of purchase   _____

Please include a copy of your receipt or invoice as proof of purchase.

Instruction for Return:
Please note carefully: Should your unit require attention, pack it well and send with this guarantee form and a cheque or postal order for £5.50 to cover packing, handling, insurance and return postage, to:

<div align="center">

The Service Centre
39 Waterloo Road
London NW2 7TT

</div>

Helpline:
Any batteries included are for demonstration purpose only. They are supplied free of charge, and are not covered by guarantee.
Broken or cracked LCD screens are not covered under the Guarantee.
In the event that you need help with this product, please telephone the HELPLINE on the following number:

<div align="center">

020-8208-1833
Open 9 to 5 Mon to Fri

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